

CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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SECURITY INFORMATION

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|----------------|--|-----------------|----------------------|
| COUNTRY | Austria | REPORT NO. | <input type="text"/> |
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The following is the production plan of the Schwechat Refinery of the Soviet Oil Administration (SMV) for the second quarter of 1953. All figures are in metric tons.

| <u>To be Processed</u> | <u>April</u> | <u>May</u> | <u>June</u> | <u>Total</u> |
|---------------------------|--------------|------------|-------------|--------------|
| Crude petroleum | 3,725 | 8,515 | 9,045 | 21,285 |
| Crude oil (Aderklaa) | 32,500 | 33,400 | 27,300 | 93,200 |
| Crude oil (Matzen) | 6,000 | 6,000 | 6,000 | 18,000 |
| | 42,225 | 47,915 | 42,345 | 132,485 |
| <u>Products</u> | | | | |
| Gasoline | 7,954 | 8,458 | 7,013 | 23,425 |
| Cracked gasoline | 2,121 | 2,610 | 2,691 | 7,422 |
| Kerosene | 7,761 | 8,506 | 7,419 | 23,686 |
| Diesel Fuel | 12,013 | 13,373 | 11,688 | 37,074 |
| Distilled machine oil (I) | 82 | 83 | 83 | 248 |
| Refined machine oil (II) | 361 | 361 | 261 | 983 |
| Cylinder oil | 112 | 114 | 112 | 338 |
| Motor oil | 239 | 239 | 440 | 918 |
| Distilled spindle oil | 206 | 253 | 221 | 680 |
| Bitumen | 737 | 752 | 736 | 2,225 |
| Marketable mazout | 5,737 | 7,503 | 6,439 | 19,679 |
| Fuel oil | 3,260 | 3,710 | 3,278 | 10,248 |
| Gas | 855 | 1,055 | 1,090 | 3,000 |
| Waste | 787 | 898 | 874 | 2,559 |
| | 42,225 | 47,915 | 42,345 | 132,485 |

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Schwechat Refinery Processing Plan, Second Quarter 1953

Atmospheric and Vacuum Plant (Atmospheric Section)

To be Processed: 85 days, 900 tons/day = 76,500 tons

| | | | <u>April</u> (30) | <u>May</u> (31) | <u>June</u> (24) |
|--------------------|-------------------|--|-------------------|-----------------|------------------|
| Crude oil Aderklaa | 76,500 100% | | 27,000 | 27,900 | 21,600 |
| <u>Yield</u> | | | | | |
| Gasoline | 18,360 24% | | 6,480 | 6,696 | 5,184 |
| Kerosene | 14,535 19% | | 5,130 | 5,301 | 4,104 |
| Diesel fuel | <u>22,185 29%</u> | | <u>7,830</u> | <u>8,091</u> | <u>6,264</u> |
| | 55,080 72% | | 19,440 | 20,088 | 15,552 |
| Mazout | 20,655 27% | | 7,290 | 7,533 | 5,832 |
| Waste | <u>765 1%</u> | | <u>270</u> | <u>279</u> | <u>216</u> |
| | 76,500 100% | | 27,000 | 27,900 | 21,600 |

Consumption:

| | |
|----------------------|------------------------|
| Fuel oil - 28 kg/ton | Water - 3.5 cu. m./ton |
| Steam - 90 kg/ton | Current - 1.0 kW |

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Schwechat Refinery Processing Plan, Second Quarter 1953
Atmospheric Distillation

To be Processed: Crude oil (Matzen) - 18,000
 Crude oil (Aderklaa) - 16,700
 34,700 86 days, 413.5 tons/day

| | | | April (30) | May (31) | June (25) |
|-------------------|-------------|-------|------------|----------|-----------|
| Crude oil(Matzen) | 18,000 100% | 6,000 | 6,000 | 6,000 | |

Yield: a) Crude oil

| | | | | |
|-------------|-------------------------------|-----------------------|-----------------------|-----------------------|
| Gasoline | 720 4% | 240 | 240 | 240 |
| Kerosene | 2,880 16% | 960 | 960 | 960 |
| Diesel Fuel | <u>3,780 21%</u> 7,380 41% | <u>1,260</u> 2,460 | <u>1,260</u> 2,460 | <u>1,260</u> 2,460 |
| Mazout | 10,440 58% | 3,480 | 3,480 | 3,480 |
| Waste | <u>180 1%</u> 18,000 100% | <u>60</u> 6,000 | <u>60</u> 6,000 | <u>60</u> 6,000 |

| | | | | |
|---------------------|-------------|-------|-------|-------|
| Crude oil(Aderklaa) | 16,700 100% | 5,500 | 5,500 | 5,700 |
|---------------------|-------------|-------|-------|-------|

Yield: b) Crude oil

| | | | | |
|-------------|------------------------------------|-----------------------|-----------------------|-----------------------|
| Gasoline | 3,068 18.4% | 1,011 | 1,011 | 1,046 |
| Kerosene | 3,730 22.4% | 1,288 | 1,228 | 1,274 |
| Diesel Fuel | <u>4,870 29.2%</u> 11,668 70.0% | <u>1,604</u> 3,843 | <u>1,604</u> 3,843 | <u>1,662</u> 3,982 |
| Mazout | 4,865 29.0% | 1,602 | 1,602 | 1,661 |
| Waste | <u>167 1.0%</u> 16,700 100% | <u>55</u> 5,500 | <u>55</u> 5,500 | <u>57</u> 5,700 |

Consumption: Fuel oil - 45kg/ton

Steam - 300 kg/ton

Water - 60 cu. m./ton

Current - 0.8 kW

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Schwechat Refinery Processing Plan, Second Quarter 1953

Cracking Plant (Kerosene)

To be Processed: 40 days, 532 tons/day = 21,285

| | | | April (19) | May (26) | June (27) |
|-----------------|--------------------|------------------|--------------------|--------------------|------------|
| Crude petroleum | 21,285 100% | | 3,725 100% | 8,515 100% | 9,045 100% |
| <u>Yield</u> | | | | | |
| Gasoline | 1,277 6% | 223 6% | 511 6% | 543 6% | |
| Kerosene | 2,554 12% | 447 12% | 1,022 12% | 1,085 12% | |
| Diesel fuel | <u>4,342 20.4%</u> | <u>760 20.4%</u> | <u>1,737 20.4%</u> | <u>1,845 20.4%</u> | |
| | 8,173 38.4% | 1,430 38.4% | 3,270 38.4% | 3,473 38.4% | |
| Mazout | 12,899 60.6% | 2,258 60.6% | 5,160 60.6% | 5,481 60.6% | |
| Waste | <u>213 1.0%</u> | <u>37 1.0%</u> | <u>85 1.0%</u> | <u>91 1.0%</u> | |
| | 21,285 100% | 3,725 100% | 8,515 100% | 9,045 100% | |

Consumption:

| | |
|----------------------|------------------------|
| Fuel oil - 57 kg/ton | Water - 6.0 cu. m./ton |
| Steam - 420 kg/ton | Current - 2.0 kW |

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Schwechat Refinery Processing Plan, Second Quarter 1953

Cracking Plant (Spaltseite)

To be Processed: 72 days, 400 tons/day = 28,740

| | | | | | |
|-----------------------|---------------|------|------------|----------|-----------|
| 40 days, 325 tons/day | 12,899 | | April (19) | May (26) | June (27) |
| 32 days, 500 tons/day | <u>15,841</u> | | | | |
| | 28,740 | 100% | 8,210 | 10,210 | 10,420 |

Yield:

| | | | | | |
|--------------------------------|------------|-------------|-----------|------------|------------|
| Cracked gasoline | 8,910 | 31% | 2,545 | 3,134 | 3,231 |
| Residue (Spalt- rueckstand) | 16,543 | 57.5% | 4,727 | 5,819 | 5,997 |
| Gas | 3,000 | 10.5% | 855 | 1,055 | 1,090 |
| Waste | <u>287</u> | <u>1.0%</u> | <u>83</u> | <u>102</u> | <u>102</u> |
| | 28,740 | 100% | 8,210 | 10,110 | 10,420 |

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Schwechat Refinery Processing Plan, Second Quarter 1953

Fuel Refining (Treibstoffraffination)

To be Processed: 72 days, 155 tons/day = 8,910

| | | | April (19) | May (26) | June (27) |
|-----------------------------|------------|-------|------------|----------|-----------|
| Cracked gasoline (crude) | 8,910 100% | 2,545 | 3,134 | 3,231 | |

Yield:

| | | | | |
|-------------------------------|---------------|-----------|-----------|-----------|
| Cracked gasoline (refined) | 8,731 98% | 2,494 | 3,071 | 3,166 |
| Waste | <u>179 2%</u> | <u>51</u> | <u>63</u> | <u>65</u> |
| | 8,910 100% | 2,545 | 3,134 | 3,231 |

Consumption: Steam - 130 kg/ton

Water - 1.0 cu. m./ton

Current - 10.0 kW

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Schwechat Refinery Processing Plan, Second Quarter 1953

Re-run Distillation

To be Processed: 72 days, 121.3 tons/day = 8,731

| | | | April (19) | May (26) | June (27) |
|-------------------------------|-------|------|------------|----------|-----------|
| Cracked gasoline (refined) | 8,731 | 100% | 2,494 | 3,071 | 3,166 |

Yield:

| | | | | | |
|------------------|------------|-----------|-----------|-----------|-----------|
| Cracked gasoline | 7,422 | 85% | 2,121 | 2,610 | 2,691 |
| Residue | 1,135 | 13% | 324 | 399 | 412 |
| Waste | <u>174</u> | <u>2%</u> | <u>49</u> | <u>62</u> | <u>63</u> |
| | 8,731 | 100% | 2,494 | 3,071 | 3,166 |

Consumption: Steam - 550 kg/ton

Water - 8.0 cu. m./ton

Current - 3.5 kW

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Schwechat Refinery Processing Plan, Second Quarter 1953 - Vacuum Plant

To be Processed: 84 days, 125 tons/day = 10,500

| | | | April (26) | May (31) | June (27) |
|----------------------------|------------|-------------|------------|-----------|-----------|
| Mazout | 10,500 | 100% | 3,250 | 3,875 | 3,375 |
| <u>Yield:</u> | | | | | |
| Diesel fuel | 800 | 7.7% | 248 | 295 | 257 |
| Spindle oil | 688 | 6.5% | 212 | 255 | 221 |
| Distilled machine oil (I) | 3,150 | 30.0% | 975 | 1,162 | 1,013 |
| Distilled machine oil (II) | 1,785 | 17.0% | 653 | 659 | 573 |
| Cylinder oil | 525 | 5.0% | 163 | 194 | 168 |
| Bitumen | 3,383 | 32.2% | 946 | 1,249 | 1,088 |
| Waste | <u>169</u> | <u>1.6%</u> | <u>53</u> | <u>61</u> | <u>55</u> |
| | 10,500 | 100% | 3,250 | 3,875 | 3,375 |

Consumption: Fuel oil - 23 kg/ton

Steam - 410 kg/ton

Current - 0.5 kW

Water - 11 cu. m./ton

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Schwechat Refinery Processing Plan, Second Quarter 1953
Lubricants (Schmieroel) Refining

| <u>To be Processed:</u> | | | April | May | June |
|---------------------------|-------|------|-------|-----|------|
| Distilled Machine oil (I) | 1,090 | 100% | 400 | 400 | 290 |

Yield:

| | | | | | |
|-------------------------|------------|------------|-----------|-----------|-----------|
| Refined machine oil (I) | 983 | 90% | 361 | 361 | 261 |
| Waste | <u>107</u> | <u>10%</u> | <u>39</u> | <u>39</u> | <u>29</u> |
| | 1,090 | 100% | 400 | 400 | 290 |

To be Processed:

| | | | | | |
|----------------------------|-------|------|-----|-----|-----|
| Distilled Machine oil (II) | 1,150 | 100% | 300 | 300 | 550 |
|----------------------------|-------|------|-----|-----|-----|

Yield:

| | | | | | |
|-----------|------------|------------|-----------|-----------|------------|
| Motor oil | 918 | 80% | 239 | 239 | 440 |
| Waste | <u>232</u> | <u>20%</u> | <u>61</u> | <u>61</u> | <u>110</u> |
| | 1,150 | 100% | 300 | 300 | 550 |

Consumption: Steam - 2,500 kg/ton

Water - 7 cu. m./ton

Current - 90 kW

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Schwechat Refinery Processing Plant, Second Quarter 1953
Asphalt Oxydation

| | | | | | |
|-------------------------|------------------------------|-------------|------------|-----------|-----------|
| <u>To Be Processed:</u> | 85 days, 28 tons/day = 2,367 | | | | |
| | | | April (28) | May (29) | June (28) |
| Bitumen 30-40 | 2,367 | 100% | 784 | 800 | 783 |
| <u>Yield:</u> | | | | | |
| Bitumen | 2,225 | 94% | 737 | 752 | 736 |
| Asphalt distillate | 107 | 4.5% | 35 | 36 | 36 |
| Waste | <u>35</u> | <u>1.5%</u> | <u>12</u> | <u>12</u> | <u>11</u> |
| | 2,367 | 100% | 784 | 800 | 783 |

Consumption: Steam - 2,500 kg/ton

Water - 7 cu. m./ton

Current - 90 kW

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